### So\_ad Analytical Services, I\_...

ANALYTICAL & ENVIRONMENTAL CHEMISTS

4813 Pacific Hwy East • Tacoma, WA 98424 (253) 922-2310 • FAX (253) 922-5047 e-mail: sainc1@uswest.net



AREAS 2,3 +4

#### TRANSMITTAL MEMORANDUM

DATE: August 23, 1999

TO: Jeff Winter
King County International Airport
7233 Perimeter Rd. South
Seattle, WA 98118

PROJECT: 8633 - King Co. International Airport, Seattle

**REPORT NUMBER: 83557** 

Enclosed are the test results for fourteen samples received at Sound Analytical Services on August 20, 1999.

The report consists of this transmittal memo, analytical results, quality control reports, a copy of the chain-of-custody, a list of data qualifiers and analytical narrative when applicable, and a copy of any requested raw data.

Should there be any questions regarding this report, please contact me at (253) 922-2310.

Sincerely,

Tom Boyden Project Manager

Client Name Project Name King County International Airport 8633 - King Co. International Airport, Seattle 08-20-99

**Date Received** 

**General Chemistry Parameters** 

	Client Sample ID Lab ID		KCA-863 83557		
Parameter	Method	Date Analyzed	Units	Result	PQL
Total Halogens (TX)	EPA 9076	08-23-99	mg/kg	ND	24
	Client Sample ID Lab ID	ı	KCA-8633 83557		
Parameter	Method	Date Analyzed	Units	Result	PQL
Total Halogens (TX)	EPA 9076	08-23-99	mg/kg	ND	25
	Client Sample ID Lab ID	'	KCA-8633 83557		
Parameter	Method	Date	Units	Result	PQL
Total Halogens (TX)	EPA 9076	<b>Analyzed</b> 08-23-99	mg/kg	ND	23
	Client Sample ID Lab ID	I	KCA-8633 83557		
Parameter	Method	Date	Units	Result	PQL
Total Halogens (TX)	EPA 9076	<b>Analyzed</b> 08-23-99	mg/kg	ND	22
	Client Sample ID Lab ID		KCA-863 83557		
Parameter	Method	Date Analyzed	Units	Result	PQL
Total Halogens (TX)	EPA 9076	08-23-99	mg/kg	ND	26

Client Sample ID Lab ID KCA-8633-14S1 83557-13

Parameter	Method	Date Analyzed	Units	Result	PQL
Total Halogens (TX)	EPA 9076	08-23-99	mg/kg	ND	24

Client Sample ID

Lab ID

KCA-8633-14S2 83557-14

Parameter	Method	Date Analyzed	Units	Result	PQL
Total Halogens (TX)	EPA 9076	08-23-99	mg/kg	ND	20

Client Name King County International Airport Client ID: KCA-8633-9W Lab ID: 83557-08 Date Received: 8/20/99 Date Prepared: 8/20/99 Date Analyzed: 8/21/99 % Solids 85.75 Dilution Factor 1

### Volatile Aromatic Hydrocarbons by USEPA Method 8021B/5030B Modified

			Recov	ery Limits
Surrogate	% Recovery	Flags	Low	High
Trifluorotoluene	76.4		46	150
Bromofluorobenzene	79		62	156

	Result		
Analyte	(mg/kg)	PQL	MDL Flags
Benzene	ND	0.039	0.0031
Toluene	ND	0.039	0.012
Ethylbenzene	ND	0.039	0.0012
m&p-Xylene	ND	0.079	0.002
o-Xylene	ND	0.039	0.00079

Client Name Client ID: Lab ID: King County International Airport KCA-8633-9W - dup 83557R08

Date Received: Date Prepared: Date Analyzed: % Solids Dilution Factor

8/20/99 8/21/99 85.75 1

### Volatile Aromatic Hydrocarbons by USEPA Method 8021B/5030B Modified

			Recov	ery Limits
Surrogate	% Recovery	Flags	Low	High
Trifluorotoluene	81.1		46	150
Bromofluorobenzene	84.9		62	156

	Result		
Analyte	(mg/kg)	PQL	MDL Flags
Benzene	ND	0.04	0.0032
Toluene	ND	0.04	0.012
Ethylbenzene	ND	0.04	0.0012
m&p-Xylene	ND	0.081	0.002
o-Xylene	ND	0.04	0.00081

Client Name
Client ID:
Lab ID:
Date Received:
Date Prepared:
Date Analyzed:

% Solids

**Dilution Factor** 

King County International Airport KCA-8633-10W 83557-09 8/20/99 8/20/99 8/21/99 79.6

1

### Volatile Aromatic Hydrocarbons by USEPA Method 8021B/5030B Modified

			Recove	ery Limits
Surrogate	% Recovery	Flags	Low	High
Trifluorotoluene	76.4		46	150
Bromofluorobenzene	78.8		62	156

	Result		
Analyte	(mg/kg)	PQL	MDL Flags
Benzene	ND	0.04	0.0032
Toluene	ND	0.04	0.012
Ethylbenzene	ND	0.04	0.0012
m&p-Xylene	ND	0.08	0.002
o-Xylene	ND	0.04	0.0008

Client Name King County International Airport Client ID: KCA-8633-11W Lab ID: 83557-10 Date Received: 8/20/99 Date Prepared: 8/20/99 Date Analyzed: 8/21/99 % Solids 83.23 Dilution Factor 1

### Volatile Aromatic Hydrocarbons by USEPA Method 8021B/5030B Modified

			Recove	ery Limits
Surrogate	% Recovery	Flags	Low	High
Trifluorotoluene	78		46	150
Bromofluorobenzene	80.1		62	156

	Result		
Analyte	(mg/kg)	PQL	MDL Flags
Benzene	ND	0.036	0.0029
Toluene	ND	0.036	0.011
Ethylbenzene	ND	0.036	0.0011
m&p-Xylene	ND	0.072	0.0018
o-Xylene	ND	0.036	0.00072

1

Client Name King County International Airport Client ID: KCA-8633-12W Lab ID: 83557-11 Date Received: 8/20/99 Date Prepared: 8/20/99 Date Analyzed: 8/21/99 88.54 % Solids **Dilution Factor** 

### Volatile Aromatic Hydrocarbons by USEPA Method 8021B/5030B Modified

			Recov	ery Limits
Surrogate	% Recovery	Flags	Low	High
Trifluorotoluene	80		46	150
Bromofluorobenzene	84.6		62	156

	Result			
Analyte	(mg/kg)	PQL	MDL Flags	
Benzene	ND	0.037	0.0029	
Toluene	ND	0.037	0.011	
Ethylbenzene	ND	0.037	0.0011	
m&p-Xylene	ND	0.073	0.0018	
o-Xylene	0.0	0.037	0.00073	

 Client Name
 King County International Airport

 Client ID:
 KCA-8633-13B

 Lab ID:
 83557-12

 Date Received:
 8/20/99

 Date Prepared:
 8/20/99

 Date Analyzed:
 8/22/99

 % Solids
 76.45

 Dilution Factor
 1

### Volatile Aromatic Hydrocarbons by USEPA Method 8021B/5030B Modified

			Recove	ery Limits
Surrogate	% Recovery	Flags	Low	High
Trifluorotoluene	71.6		<b>4</b> 6	150
Bromofluorobenzene	75		62	156

	Result		
Analyte	(mg/kg)	PQL	MDL Flags
Benzene	ND	0.035	0.0028
Toluene	ND	0.035	0.011
Ethylbenzene	0.037	0.035	0.001
m&p-Xylene	0.16	0.07	0.0017
o-Xylene	0.064	0.035	0.0007

Client Name King County International Airport Client ID: KCA-8633-14S1 Lab ID: 83557-13 Date Received: 8/20/99 Date Prepared: 8/20/99 Date Analyzed: 8/22/99 % Solids 81.63 **Dilution Factor** 1

### Volatile Aromatic Hydrocarbons by USEPA Method 8021B/5030B Modified

			Recov	ery Limits
Surrogate	% Recovery	Flags	Low	High
Trifluorotoluene	79.9		46	150
Bromofluorobenzene	129		62	156

	Re	sult			
Analyte	(mg	ı/kg)	PQL	MDL	Flags
Benzene		0.014	0.041	0.0033	J
Toluene	ND		0.041	0.013	
Ethylbenzene		0.63	0.041	0.0012	
m&p-Xylene		1.2	0.082	0.002	
o-Xylene		4.3	0.041	0.00082	

Client Name
Client ID:
Lab ID:
Date Received:
Date Prepared:

King County International Airport KCA-8633-14S2 83557-14 8/20/99 8/20/99 8/22/99

84.07

1

Date Analyzed: % Solids Dilution Factor

### Volatile Aromatic Hydrocarbons by USEPA Method 8021B/5030B Modified

			Recove	ery Limits
Surrogate	% Recovery	Flags	Low	High
Trifluorotoluene	82.2		46	150
Bromofluorobenzene	143		62	156

	R	esult			
Analyte	(m	ıg/kg)	PQL	MDL	Flags
Benzene		0.0086	0.038	0.003	J
Toluene	ND		0.038	0.012	
Ethylbenzene		0.55	0.038	0.0011	
m&p-Xylene		1	0.076	0.0019	
o-Xylene		4.1	0.038	0.00076	

Client Name

Client ID: Lab ID:

Date Received: Date Prepared: Date Analyzed: % Solids

% Solids
Dilution Factor

King County International Airport

KCA-8633-16B 83557-01

8/20/99 8/20/99 8/20/99 96.66

4

Diesel by WTPH-D Modified

Surrogate o-terphenyl

% Recovery 78.1

covery Flags

s

Recovery Limits Low High 50 150

Sample results are on a dry weight basis.

Analyte

Diesel (>nC12-nC24)

Result

(mg/kg)

ND

PQL

20

Flags

Client Name

Client ID: Lab ID:

Date Received: Date Prepared: Date Analyzed:

% Solids
Dilution Factor

King County International Airport

KCA-8633-17W 83557-02

> 8/20/99 8/20/99 8/21/99 95.29

> > 4

**Diesel by WTPH-D Modified** 

Surrogate % Recovery o-terphenyl 74.3

Flags

Recovery Limits

**Low High** 50 150

Sample results are on a dry weight basis.

Analyte
Diesel (>nC12-nC24)

Result

(mg/kg)

ND

PQL

20

**Flags** 

13

Client Name Client ID: Lab ID:

Date Received:
Date Prepared:
Date Analyzed:

% Solids
Dilution Factor

King County International Airport

KCA-8633-18W 83557-03 8/20/99 8/20/99 8/21/99 88.63

**Diesel by WTPH-D Modified** 

Recovery Limits
% Recovery Flags Low High

Surrogate% RecoveryFlagsLowHigho-terphenyl76.550150

Sample results are on a dry weight basis.

 Result

 Analyte
 (mg/kg)
 PQL
 Flags

 Diesel (>nC12-nC24)
 13
 21

X1 - Chromatogram suggests this might be heavy oil

Client Name Client ID: Lab ID: Date Received: Date Prepared:

Date Analyzed: % Solids **Dilution Factor** 

King County International Airport

KCA-8633-19W 83557-04 8/20/99 8/20/99 8/21/99 95.97

### Diesel by WTPH-D Modified

			Recov	ery Limits
Surrogate	% Recovery	Flags	Low	High
o-terphenyl	74.2		50	150

	Result		
Analyte	(mg/kg)	PQL	Flags
Diesel (>nC12-nC24)	ND	19	_

Client Name

Client ID: Lab ID:

Date Received:

Date Prepared: Date Analyzed: % Solids

**Dilution Factor** 

King County International Airport

KCA-8633-20W

83557-05

8/20/99

8/20/99

8/21/99 95.92

4

### **Diesel by WTPH-D Modified**

			Recovi	ery Limits
Surrogate	% Recovery	Flags	Low	High
o-terphenyl	79.3		50	150

	Result		
Analyte	(mg/kg)	PQL	Flags
Diesel (>nC12-nC24)	ND	19	•

Client Name
Client ID:
Lab ID:
Date Received:
Date Prepared:
Date Analyzed:
% Solids

**Dilution Factor** 

King County International Airport KCA-8633-21W 83557-06 8/20/99 8/20/99 8/21/99 96.84 4

### **Diesel by WTPH-D Modified**

			Recov	ery Limits
Surrogate	% Recovery	Flags	Low	High
o-terphenyl	74		50	150

	Result		
Analyte	(mg/kg)	PQL	Flags
Diesel (>nC12-nC24)	ND	19	

Client Name
Client ID:
Lab ID:
Date Received:
Date Prepared:
Date Analyzed:
% Solids

King County International Airport KCA-8633-22S 83557-07 8/20/99 8/20/99 8/21/99 95.64 4

Dilution Factor

### Diesel by WTPH-D Modified

			Recov	ery Limits
Surrogate	% Recovery	Flags	<b>Low</b>	<b>High</b>
o-terphenyl	80.4		50	150

Sample results are on a dry weight basis.

	Result		
Analyte	(mg/kg)	PQL	Flags
Diesel (>nC12-nC24)	35	19	X1

X1 - Chromatogram suggests this might be heavy oil

Client Name

Client ID: Lab ID:

Date Received: Date Prepared: Date Analyzed:

% Solids

**Dilution Factor** 

King County International Airport

KCA-8633-9W 83557-08

8/20/99 8/20/99 8/21/99

85.75 4

**Diesel by WTPH-D Modified** 

Surrogate % Recovery Flags Low High o-terphenyl 77.1 50 150

Sample results are on a dry weight basis.

 Result

 Analyte
 (mg/kg)
 PQL
 Flags

 Diesel (>nC12-nC24)
 ND
 23

Client Name

Client ID: Lab ID:

Date Received: Date Prepared:

Date Analyzed: % Solids

**Dilution Factor** 

King County International Airport

KCA-8633-10W 83557-09

8/20/99 8/20/99 8/21/99

79.6 4

**Diesel by WTPH-D Modified** 

**Recovery Limits** 

% Recovery 69.6

Flags

High Low 50 150

Sample results are on a dry weight basis.

Result

**Analyte** Diesel (>nC12-nC24)

Surrogate

o-terphenyl

(mg/kg)

ND

**PQL** 

23

**Flags** 

Client Name

Client ID: Lab ID:

Date Received: Date Prepared:

Date Analyzed: % Solids

Dilution Factor

King County International Airport

KCA-8633-11W

83557-10

8/20/99

8/20/99

8/21/99 83.23

4

24

**Diesel by WTPH-D Modified** 

Recovery Limits

Surrogate% RecoveryFlagsLowHigho-terphenyl71.450150

Sample results are on a dry weight basis.

Diesel (>nC12-nC24)

Result
Analyte (mg/kg) PQL Flags

ND

Client Name Client ID: Lab ID:

Lab ID:
Date Received:
Date Prepared:
Date Analyzed:

% Solids
Dilution Factor

King County International Airport

KCA-8633-12W 83557-11 8/20/99 8/20/99 8/21/99 88.54

4

**Diesel by WTPH-D Modified** 

Surrogate % Recovery Flags Low High o-terphenyl 78.3 50 150

Sample results are on a dry weight basis.

 Result

 Analyte
 (mg/kg)
 PQL
 Flags

 Diesel (>nC12-nC24)
 ND
 22

Client Name

Client ID: Lab ID:

Date Received: Date Prepared: Date Analyzed: % Solids

% Solids
Dilution Factor

King County International Airport

KCA-8633-13B 83557-12

8/20/99 8/20/99 8/21/99 76.45

4

**Diesel by WTPH-D Modified** 

Surrogate % Recovery Flags Low High o-terphenyl 77 50 150

Sample results are on a dry weight basis.

 Result

 Analyte
 (mg/kg)
 PQL
 Flags

 Diesel (>nC12-nC24)
 ND
 24

Client Name Client ID: Lab ID: Date Received

Date Received: Date Prepared: Date Analyzed: % Solids

% Solids
Dilution Factor

King County International Airport

KCA-8633-14S1 83557-13 8/20/99 8/20/99 8/21/99 81.63 4

### Diesel by WTPH-D Modified

			Recov	ery Limits
Surrogate o-terphenyl	% Recovery 76.4	Flags	<b>Low</b> 50	<b>High</b> 150

Sample results are on a dry weight basis.

	Result		
Analyte	(mg/kg)	PQL	Flags
Diesel (>nC12-nC24)	24	23	<b>X</b> 1

X1 - Chromatogram suggests this might be mineral spirits or similar product

Client Name

Client ID: Lab ID:

Date Received: Date Prepared: Date Analyzed: % Solids King County International Airport

KCA-8633-14S2 83557-14 8/20/99 8/20/99 8/21/99 84.07

Dilution Factor

### **Diesel by WTPH-D Modified**

Surrogate	
o-terphenyl	

% Recovery 76.7 Flags

Recovery Limits Low High 50 150

Sample results are on a dry weight basis.

Analyte

Diesel (>nC12-nC24)

Result

(mg/kg) 25

PQL

23

Flags X1

X1 - Chromatogram suggests this might be mineral spirits or similar product

### **QUALITY CONTROL REPORT**

Client Sample ID:

KCA-8633-14S2

Lab ID:

83557-14

QC Batch Number:

TX682

### Method Blank

Parameter	Result (mg/kg)	PQL
Total Halogens (TX)	ND	20

**Duplicate** 

	Sample Result	Duplicate Result		
Parameter	(mg/kg)	(mg/kg)	RPD (%)	Flag
Total Halogens (TX)	ND	ND	NC	

Lab ID:

Method Blank - GB1927

Date Received:

8/20/99

Date Prepared: Date Analyzed:

8/21/99

% Solids
Dilution Factor

1

### Volatile Aromatic Hydrocarbons by USEPA Method 8021B/5030B Modified

			Recov	ery Limits
Surrogate	% Recovery	Flags	Low	High
Trifluorotoluene	97.1		46	150
Bromofluorobenzene	99.4		62	156

Sample results are on an as received basis.

	Result		
Analyte	(mg/kg)	PQL	MDL Flags
Benzene	ND	0.04	0.0032
Toluene	ND	0.04	0.012
Ethylbenzene	ND	0.04	0.0012
m&p-Xylene	ND	0.08	0.002
o-Xylene	ND	0.04	0.0008

### Blank Spike/Blank Spike Duplicate Report

 Lab ID:
 GB1927

 Date Prepared:
 8/20/99

 Date Analyzed:
 8/21/99

 QC Batch ID:
 GB1927

### Volatile Aromatic Hydrocarbons by USEPA Method 8021B/5030B Modified

Compound Name	Blank Result (mg/kg)	Spike Amount (mg/kg)	BS Result (mg/kg)	BS % Rec.	BSD Result (mg/kg)	BSD % Rec.	RPD	Flag
Benzene	0	1	1.03	103	1.14	114	10	
Toluene	0	1	1.01	101	1.14	114	12	
Ethylbenzene	0	1	0.968	96.8	1.09	109	12	
m&p-Xylene	0	2	1.84	92	2.05	102	10	
o-Xylene	0	1	0.938	93.8	1.02	102	8.4	

### **Duplicate Report**

 Client Sample ID:
 KCA-8633-9W

 Lab ID:
 83557-08

 Date Prepared:
 8/20/99

 Date Analyzed:
 8/21/99

 QC Batch ID:
 GB1927

Volatile Aromatic Hydrocarbons by USEPA Method 8021B/5030B Modified

Parameter Name	Sample Result (mg/kg)	Duplicate Result (mg/kg)	RPD %	Flag
Benzene	0	0	NC	
Toluene	0	0	NC	
Ethylbenzene	0	0	NC	
m&p-Xylene	0	0	NC	
o-Xylene	0	0	NC	

Lab ID:

Method Blank - DI2250

Date Received:

8/20/99

Date Prepared: Date Analyzed: % Solids

8/20/99

Dilution Factor

4

Diesel by WTPH-D Modified

Surrogate o-terphenyl % Recovery 64.6 Flags

**Recovery Limits** 

Low 50 High 150

Sample results are on an as received basis.

Analyte

Result

(mg/kg)

**PQL** 

Flags

Diesel (>nC12-nC24)

ND

20

30

### **Duplicate Report**

 Client Sample ID:
 KCA-8633-22S

 Lab ID:
 83557-07

 Date Prepared:
 8/20/99

 Date Analyzed:
 8/21/99

 QC Batch ID:
 DI2250

### Diesel by WTPH-D Modified

	Sample	Duplicate		
	Result	Result	RPD	
Parameter Name	(mg/kg)	(mg/kg)	%	Flag
Diesel (>nC12-nC24)	35.3	22.6	44.0	X4a

### **Duplicate Report**

 Client Sample ID:
 OH020701

 Lab ID:
 83538-21

 Date Prepared:
 8/20/99

 Date Analyzed:
 8/20/99

 QC Batch ID:
 DI2250

### Diesel and Motor Oil by WTPH-D Modified

	Sample	Duplicate		
	Result	Result	RPD	
Parameter Name	(mg/kg)	(mg/kg)	%	Flag
Diesel (>nC12-nC24)	0	22.2	-200.0	X4a

### Blank Spike/Blank Spike Duplicate Report

Lab ID: Date Prepared: Date Analyzed: QC Batch ID: DI2250 8/20/99 8/20/99 DI2250

### Diesel by WTPH-D Modified

	Blank	Spike	BS		BSD			
	Result	Amount	Result	BS	Result	BSD		
Compound Name	(mg/kg)	(mg/kg)	(mg/kg)	% Rec.	(mg/kg)	% Rec.	RPD	Flag
Diesel (>nC12-nC24)	0	501	377	75.4	411	82	8 4	

ANALYTICAL & ENVIRONMENTAL CHEMISTS

4813 PACIFIC HIGHWAY EAST, TACOMA, WASHINGTON 98424 - TELEPHONE: (253) 922-2310 - FAX: (253) 922-5047

### DATA QUALIFIERS AND ABBREVIATIONS

- B1: This analyte was detected in the associated method blank. The analyte concentration was determined not to be significantly higher than the associated method blank (less than ten times the concentration reported in the blank).
- B2: This analyte was detected in the associated method blank. The analyte concentration in the sample was determined to be significantly higher than the method blank (greater than ten times the concentration reported in the blank).
- C1: Second column confirmation was performed. The relative percent difference value (RPD) between the results on the two columns was evaluated and determined to be < 40%.
- C2: Second column confirmation was performed. The RPD between the results on the two columns was evaluated and determined to be > 40%. The higher result was reported unless anomalies were noted.
- M: GC/MS confirmation was performed. The result derived from the original analysis was reported.
- D: The reported result for this analyte was calculated based on a secondary dilution factor.
- E: The concentration of this analyte exceeded the instrument calibration range and should be considered an estimated quantity.
- J: The analyte was analyzed for and positively identified, but the associated numerical value is an estimated quantity.
- MCL: Maximum Contaminant Level
- MDL: Method Detection Limit
- N: See analytical narrative.
- ND: Not Detected
- PQL: Practical Quantitation Limit
- XI: Contaminant does not appear to be "typical" product. Elution pattern suggests it may be \_\_\_\_\_\_
- X2: Contaminant does not appear to be "typical" product.
- X3: Identification and quantitation of the analyte or surrogate was complicated by matrix interference.
- X4: RPD for duplicates was outside advisory QC limits. The sample was re-analyzed with similar results. The sample matrix may be nonhomogeneous.
- X4a: RPD for duplicates outside advisory QC limits due to analyte concentration near the method practical quantitation limit/detection limit.
- X5: Matrix spike recovery was not determined due to the required dilution.
- X6: Recovery and/or RPD values for matrix spike(/matrix spike duplicate) outside advisory QC limits. Sample was reanalyzed with similar results.
- X7: Recovery and/or RPD values for matrix spike(/matrix spike duplicate) outside advisory QC limits. Matrix interference may be indicated based on acceptable blank spike recovery and/or RPD.
- X7a: Recovery and/or RPD values for this spiked analyte outside advisory QC limits due to high concentration of the analyte in the original sample.
- X8: Surrogate recovery was not determined due to the required dilution.
- X9: Surrogate recovery outside advisory QC limits due to matrix interference.

34

SAS-QAM REV 11 3/99



CHAIN OF CUSTODY RECORD 83557

Client/Project Name	Project Location				
King Co. International Ac	vant DeiAffle			ANALYSES	·
Work Order No.	Field Logbook No.			/ / /	/ / /
8633			_/ / /		· / / , ,
Sampler: (Signature)	Chain of Custody Tape No.		////	9 / /	////
Jan K Livra			1 / 2/3/	/ / / /	/ / /
Sample No./   Date   Time		ype of ample	7 3 3		
KCA-8633-16B 8/2/55	Caryos.	to Soil	X		
2 KCA-8633-17W il	GRAS	Soil			
3 (CA-869-18W 11	GRAD/	501	X		
1 MCH-8633-19 W 11	GRAN S	0-(	*		
5 CCA-8633-20W (1		5.(	8		
~ KCA-8635 4W 11	- Composite	61			
7 KCA-8633 -225 V	60mps.t	= /501	X		
8 CA-1657-9W 11	GROB/	5.1 X			
Relinquished by: (Signature)	Date / Time	Received by:	(Signafure)		Date Time
KENWan	वीरक्ति । 40	o mi	Ψ,		12979 1400
Relinquished by: (Signature)	Date/ Time	Received by:	(Signature)	K	Daté Time
/m/	0/2/99 14		maw		1294925
Relinquished by (Signature)	Date	Received by:	(Signature)	[	Date Time
//					
Comments: Fax Results 1 HARD Copy TO C	O JIMISON FEN ANA	YTICAL LABORATO	DRY		,
HAKE COPY 10	-7	4 Hour	Bunty Air,	at Du	ror t
	Br	Il King (	ounty Mr,	post Pit	
	1	•			

SEA402671



<b>CHAIN OF CUSTODY</b>	RECORD	3557		ENVIRONM	ENTAL, INC.	
Client/Project Name  Kin, County Tukepational A.  Work Order No.	Project Location  Project Location  Field Logbook No.			ANALYSE	s / / /	
Sampler: (Signature)	Chain of Custody Tape	No.	/ /			/
K. leien	Lab Canada	Tuno of	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		////	
Sample No./ Date Time	Lab Sample Number	Type of Sample	/\$\f\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	\$/ / <u>/</u>		
10A-8633-10W 8/20/55		s/s/	XXX		-	
KCA-8633-11W E/Z:/75	6R40	ر ملا / ا , د کر (	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	•		
2 KCA-5635-1518 8/20/59	akan	3/5	XYX			
KCA-8633-1451 & 22/99	GKA,	A/Soil	x x x		-	
KU Com 1752 x (Co) 17	Cion					
Relinquished by: (Signature)	Date Ti	ime Received	by: (Signature)		Date/	Time
Relipquished by (Signature)		400 m	by: (Signature)	$\langle \rangle$	10/3	14/00
Helliquistied by (Signature)		ime Réceived	DIMINION	and the	Date Say	Time 250
Relinquished by: (Signature)	Dáte Ti	ime Received	by: (Signature)		Date	Time
Comments: FAX Results to J.	ne Bouter A	NALYTICALLABORA  BULLANDA	ATORY THT 15 Count	y INKUNA	tional 1	4e espoi

KCSlip4 36127